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## INTERNATIONAL SEARCH REPORT

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		101		
A. CLASSII IPC 7	FICATION OF SUBJECT MATTE C07C45/69 C07C49/24 C07C49/0	04 C07C45/62		
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	ion searched other than minimum documentation to the extent that s			
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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the rel	evant passages Relevant to claim No.		
A	EP 0 737 663 A (BASF AG) 16 October 1996 (1996-10-16) claims	1		
Α	EP 0 816 321 A (KURARAY CO) 7 January 1998 (1998-01-07) claim 9	8		
Furt	ner documents are listed in the continuation of box C.	X Patent family members are listed in annex.		
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TAGING GIRD I	Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016  Authorized officer  Bonnevalle,			

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Internation No PCT 03/00231

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
EP 0	0737663	A	16-10-1996	DE	19513840 A1	17-10-1996
				DE	59600315 D1	13-08-1998
				EP	0737663 A1	16-10-1996
				JP	8319249 A	03-12-1996
				US	5723678 A	03-03-1998
EP C	816321	Α	07-01-1998	JP	10017521 A	20-01-1998
		• •	· · · · · · · · · · · · · · · · · · ·	JP	10168006 A	23-06-1998
				AT	218527 T	15-06-2002
				CN	1393435 A	29-01-2003
				DE	69712984 D1	11-07-2002
				DE	69712984 T2	16-01-2003
				EP	1122236 A2	08-08-2001
				ĒΡ	0816321 A1	07-01-1998
			•	บร บร	6232506 B1	15-05-2001
				ÜS	5955636 A	21-09-1999
				JP	10306051 A	17-11-1998